

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-F-0004

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

NATIONAL VETERINARY SERVICES LABORATORY  
BOX 844

AMES, IA 50010

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 34   | 71  | 0   | 105   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 4   | 0   | 4   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 322  | 3   | 0   | 325   |
| 11. Pigs  | 0   | 13   | 5   | 0   | 18  |
| 12. Other Farm Animals                                  | 3   | 17   | 6   | 0   | 23  |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
04-DEC-2015

(b)(6), (b)(7)(c)

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**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

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Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0001

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

DIAMOND ANIMAL HEALTH INC.  
2538 S E 43RD STREET  
DES MOINES, IA 50327

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 7   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 88  | 6  | 0   | 0   | 6   |
| 7. Hamsters   | 1872  | 0  | 0   | 3759  | 3759  |
| 8. Rabbits  | 0   | 215  | 0   | 0   | 215   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
07-JAN-2016

(b)(6), (b)(7)(c)

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**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

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Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0002

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

DES MOINES UNIVERSITY - O M C  
3200 GRAND AVE

DES MOINES, IA 50312

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  | 0   | 1  | 79  | 0   | 80  |
| 13. Other Animals                                       | 15  | 0  | 0   | 0   | 0   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
07-JAN-2016

(b)(6), (b)(7)(c)

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**OMB APPROVED**  
0579-0036

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Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**CONTINUATION SHEET FOR ANNUAL  
REPORT OF RESEARCH FACILITY**

**1. REGISTRATION NUMBER**  
**42-R-0002**

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered

with USDA, include ZIP Code)

DES MOINES UNIVERSITY - O M C

3200 GRAND AVE

DES MOINES, IA 50312

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

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*(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))*

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

**DATE SIGNED**

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0579-0036  
**Exp.: 10/31/2018**

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Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0003

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

IOWA STATE UNIVERSITY  
1138 PEARSON HALL

AMES, IA 50011

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 85   | 283   | 0   | 368   |
| 5. Cats   | 0   | 15   | 9   | 0   | 24  |
| 6. Guinea Pigs  | 0   | 109  | 0   | 82  | 191   |
| 7. Hamsters   | 0   | 0  | 15  | 9   | 24  |
| 8. Rabbits  | 0   | 1  | 68  | 0   | 69  |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 73   | 10  | 14  | 97  |
| 11. Pigs  | 0   | 149  | 58  | 0   | 207   |
| 12. Other Farm Animals                                  | 0   | 1  | 79  | 0   | 80  |
| 13. Other Animals                                       | 15  | 0  | 0   | 0   | 0   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
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Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**CONTINUATION SHEET FOR ANNUAL  
REPORT OF RESEARCH FACILITY**

**1. REGISTRATION NUMBER**  
**42-R-0003**

**2. HEADQUARTERS RESEARCH FACILITY** (*Name, address, and telephone number as registered with USDA, include ZIP Code*)  
IOWA STATE UNIVERSITY  
1138 PEARSON HALL  
  
AMES, IA 50011

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

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*(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))*

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

**DATE SIGNED**

07-JAN-2016

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ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0004

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

UNIVERSITY OF IOWA  
Office of Animal Resources, Office of the IACUC  
L350 P B D B 169 NEWTON ROAD  
IOWA CITY, IA 52242

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 6   | 0   | 6   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 6   | 0   | 6   |
| 7. Hamsters   | 2   | 0  | 21  | 0   | 21  |
| 8. Rabbits  | 33  | 3  | 368   | 0   | 371   |
| 9. Non-human Primates                                   | 0   | 0  | 3   | 0   | 3   |
| 10. Sheep   | 0   | 0  | 19  | 0   | 19  |
| 11. Pigs  | 4   | 0  | 632   | 0   | 632   |
| 12. Other Farm Animals                                  | 0   | 0  | 20  | 0   | 20  |
| 13. Other Animals                                       | 244   | 468  | 113   | 0   | 581   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
16-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**CONTINUATION SHEET FOR ANNUAL  
REPORT OF RESEARCH FACILITY**

*(TYPE OR PRINT)*

**1. REGISTRATION NUMBER**

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

UNIVERSITY OF IOWA

Office of Animal Resources

L 350 P B D B 169 NEWTON ROAD

L350 P B D B 169 NEWTON ROAD  
IOWA CITY IA 52242

IOWA CITY, IA 52242

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2.) Each principal investigator has considered alternatives to painful procedures.
  - 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A **summary of all such exceptions is attached to this annual report**. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))**

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

**DATE SIGNED**

16-NOV-2015

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED  
0579-0036  
Exp.: 10/31/2018

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

1. REGISTRATION NUMBER  
42-R-0005

2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)

DRAKE UNIVERSITY  
2507 UNIVERSITY AVE.

DES MOINES, IA 50311

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

FACILITY LOCATIONS (Sites)

(b)(7)(F)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
24-FEB-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0020

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

NOVARTIS ANIMAL HEALTH US Inc.  
1447 140TH STREET  
LARCHWOOD, IA 51241

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 160   | 0   | 160   |
| 7. Hamsters   | 0   | 2462   | 0   | 1237  | 3699  |
| 8. Rabbits  | 0   | 45   | 425   | 0   | 470   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
07-JAN-2016

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0026

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

KIRKWOOD COMMUNITY COLLEGE  
6301 KIRKWOOD BLVD S W

CEDAR RAPIDS, IA 52406

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 1  | 55  | 0   | 56  |
| 5. Cats   | 0   | 0  | 53  | 0   | 53  |
| 6. Guinea Pigs  | 0   | 1  | 0   | 0   | 1   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 3   | 0   | 3   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 2  | 0   | 0   | 2   |
| 11. Pigs  | 0   | 10   | 1   | 0   | 11  |
| 12. Other Farm Animals                                  | 0   | 1  | 13  | 0   | 14  |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
12-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED  
0579-0036  
Exp.: 10/31/2018

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

1. REGISTRATION NUMBER  
42-R-0031

2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)

TRANS OVA GENETICS  
2938 380 STREET  
SIOUX CENTER, IA 51250

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

FACILITY LOCATIONS (Sites)

(b)(7)(F)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  | 20  | 11   | 9   | 0   | 20  |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
18-DEC-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0036

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

PALMER COLLEGE OF CHIROPRACTIC  
1000 BRADY STREET  
DAVENPORT, IA 52803

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
04-DEC-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0040

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

IOWA WESTERN COMMUNITY COLLEGE  
2700 COLLEGE ROAD

COUNCIL BLUFFS, IA 51503

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 50  | 0   | 50  |
| 5. Cats   | 0   | 0  | 59  | 0   | 59  |
| 6. Guinea Pigs  | 0   | 0  | 2   | 0   | 2   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 2   | 0   | 2   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
27-OCT-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0042

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

DES MOINES AREA COMMUNITY COLLEGE  
2006 S. Ankeny Blvd., FFA, EC

ANKENY, IA 50023

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 13  | 92   | 30  | 0   | 122   |
| 5. Cats   | 2   | 54   | 15  | 0   | 69  |
| 6. Guinea Pigs  | 0   | 1  | 0   | 0   | 1   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 11   | 0   | 0   | 11  |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 43   | 5   | 0   | 48  |
| 12. Other Farm Animals                                  | 0   | 172  | 5   | 0   | 177   |
| 13. Other Animals                                       | 0   | 7  | 0   | 0   | 7   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
30-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# **CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

## **ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2.) Each principal investigator has considered alternatives to painful procedures.
  - 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
*(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))*

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

**DATE SIGNED**

30-NOV-2015

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0044

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

EXEMPLAR GENETICS  
P.O. Box 198

SIOUX CENTER, IA 51250

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 2908  | 169  | 135   | 0   | 304   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
30-DEC-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0045

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

WARTBURG COLLEGE  
100 WARTBURG BLVD., BIOLOGY  
WAVERLY, IA 50677

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which experiments,<br>teaching, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 32  | 35   | 0   | 0   | 35  |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
30-NOV-2015

(b)(6), (b)(7)(c)

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**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0048

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

Muscatine Community College  
152 Colorado Street  
MUSCATINE, IA 52761

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 51   | 17  | 0   | 68  |
| 5. Cats   | 0   | 39   | 14  | 0   | 53  |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 4  | 0   | 0   | 4   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
04-DEC-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0049

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

Iowa Lakes Community College  
3200 College Avenue

EMMETSBURG, IA 50536

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 8  | 25  | 0   | 33  |
| 5. Cats   | 0   | 31   | 35  | 0   | 66  |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 5  | 0   | 0   | 5   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       | 0   | 1  | 0   | 0   | 1   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
18-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**CONTINUATION SHEET FOR ANNUAL  
REPORT OF RESEARCH FACILITY**

**1. REGISTRATION NUMBER**

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

Iowa Lakes Community College  
3200 College Avenue

EMMETSBURG, IA 50536

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use this form.)

## **ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
  - 2.) Each principal investigator has considered alternatives to painful procedures.
  - 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A **summary of all such exceptions is attached to this annual report**. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
  - 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
*(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))*

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

(b)(6), (b)(7)(c)

**DATE SIGNED**

18-NOV-2015

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0050

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

Northeast Iowa Community College  
P. O. Box 400

CALMAR, IA 52132

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which experiments,<br>teaching, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 7  | 0   | 0   | 7   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
24-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-R-0051

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

M G BIOLOGICS  
2366 270TH ST.

AMES, IA 50014

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
10-DEC-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

OMB APPROVED  
0579-0036  
Exp.: 10/31/2018

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year 2015

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

1. REGISTRATION NUMBER  
42-R-0052

2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)

Ape Cognition & Communication Institute  
4200 Evergreen Avenue

DES MOINES, IA 50320

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

FACILITY LOCATIONS (Sites)

(b)(7)(F)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 0  | 0   | 0   | 0   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 0   | 0   | 0   |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 5  | 0   | 0   | 5   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

ASSURANCE STATEMENTS

- 1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2.) Each principal investigator has considered alternatives to painful procedures.
- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
20-NOV-2015

(b)(6), (b)(7)(c)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
**Exp.: 10/31/2018**

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Fiscal Year 2015

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

**1. REGISTRATION NUMBER**  
42-V-0002

**2. HEADQUARTERS RESEARCH FACILITY** (Name, address, and telephone number as registered with USDA, include ZIP Code)

IOWA CITY VAMC (584)  
HWY 6 WEST

IOWA CITY, IA 52246

**3. REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)

**FACILITY LOCATIONS (Sites)**

(b)(7)(F)

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets, if necessary, or use APHIS FORM 7023A.)

| A.  | B.  | C.   | D.  | E.  | F.  |
|---|---|--|---|---|---|
| Animals Covered By<br>The Animal<br>Welfare Regulations | Number of animals<br>being bred,<br>conditioned, or held<br>for use in teaching,<br>testing, experiments,<br>research, or surgery<br>but not yet used for<br>such purposes. | Number of animals<br>upon which<br>teaching, research,<br>experiments, or<br>tests were<br>conducted involving<br>no pain, distress, or<br>use of pain-relieving<br>drugs. | Number of animals upon<br>which experiments,<br>teaching, research,<br>surgery, or tests were<br>conducted involving<br>accompanying pain or<br>distress to the animals<br>and for which<br>appropriate anesthetic,<br>analgesic, or<br>tranquilizing drugs were<br>used. | Number of animals upon<br>which teaching,<br>experiments, research, surgery, or tests were<br>conducted involving accompanying pain or<br>distress to the animals and for which the use of<br>appropriate anesthetic, analgesic, or<br>tranquilizing drugs would have adversely<br>affected the procedures, results, or<br>interpretation of the teaching, research,<br>experiments, surgery, or tests. (An explanation<br>of the procedures producing pain or distress on<br>these animals and the reasons such drugs<br>were not used must be attached to this report.) | TOTAL NUMBER<br>OF ANIMALS<br><br>(Cols. C + D + E) |
| 4. Dogs   | 0   | 8  | 0   | 0   | 8   |
| 5. Cats   | 0   | 0  | 0   | 0   | 0   |
| 6. Guinea Pigs  | 0   | 0  | 0   | 0   | 0   |
| 7. Hamsters   | 0   | 0  | 72  | 0   | 72  |
| 8. Rabbits  | 0   | 0  | 0   | 0   | 0   |
| 9. Non-human Primates                                   | 0   | 0  | 0   | 0   | 0   |
| 10. Sheep   | 0   | 0  | 0   | 0   | 0   |
| 11. Pigs  | 0   | 0  | 0   | 0   | 0   |
| 12. Other Farm Animals                                  |   |  |   |   |   |
| 13. Other Animals                                       |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |
|   |   |  |   |   |   |

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(*Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)*)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED  
03-NOV-2015

(b)(6), (b)(7)(c)